



**DLA PIPER RUDNICK  
GRAY CARY**

**FAX RECEIVED** 2nd Attempt for 18 pages

OCT 19 2005

**OFFICE OF PETITIONS**

**DLA Piper Rudnick Gray Cary US LLP**  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.638.6756  
F 858.677.1465  
W www.dlapiper.com

# **FAX TRANSMISSION COVER SHEET**

**October 19, 2005**

To:

**Liana Chase  
U.S. Patent and Trademark Office**

Telephone:

**(571) 272-3206**

Fax Number:

**(571) 273-0025**

From:

**Aldon Griffis  
Reg. No. 55, 949  
US Patent Paralegal to  
Lisa A. Halle, J.D., Ph.D.  
(858) 638-6756**

Client-Matter Number:

**331355-30**

Re:

**United States Patent Application No. 09/509,433  
Entitled : OPTICAL IRRADIATION DEVICE LED AND OPTIC FIBRES (AS AMENDED)  
Filed : May 30, 2000  
Inventors : Mills and Jandt  
Our Ref. : MBM1420**

Pages: - 18 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call: **Aldon Griffis/(858) 638-6756**

**Fax Operator/Ext.**

## **Message:**

Dear Ms. Chase:

Thank you for your recent communication with regard to the above-identified patent application. Pursuant to your request, attached is a copy of the Power of Attorney for this application as submitted to the USPTO with our Request for Customer Number Association on February 10, 2005. For your convenience, we have included the entire filing with the facsimile transmittal confirmation.

Also attached are 2 recorded assignments for this matter. The first assignment transfers rights from inventors Mills and Jandt to The University of Bristol. The second assignment transfers rights from the University of Bristol to TIR Systems Ltd.

Thank you in advance for ensuring that this 2-page Power of Attorney is reflected in the patent record. We submitted this 2-page Power of Attorney to the USPTO on two separate occasions. The first time was with the Request for Customer Number Association on February 10, 2005 and the second time was with the Power to Inspect and Make Copies in early March, 2005.

As you know, despite these previous submissions, we have been unable to receive any actions from the USPTO for this matter and it is our understanding that a Restriction Requirement was issued over one month ago. Anything you can do to ensure we receive a copy of this action as soon as possible and be granted private PAIR access would be greatly appreciated.

Please do not hesitate to contact us if you have any questions or we can provide further information.

## **CONFIDENTIALITY NOTICE**

This communication is ONLY for the person named above. Unless otherwise indicated, it contains information that is confidential, privileged or exempt from disclosure under applicable law. If you are not the person named above, or responsible for delivering it to that person, be aware that disclosure, copying, distribution or use of this communication is strictly PROHIBITED. If you have received it in error, or are uncertain as to its proper handling, please immediately notify us by collect telephone and mail the original to us at the above address. Thank you.

Serving clients globally

GT\6464400.1  
331355-30



**DLA PIPER RUDNICK  
GRAY CARY**

DLA Piper Rudnick Gray Cary US  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.677.1456  
F 858.677.1465  
W www.dlapiper.com

**FAX RECEIVED**

OCT 19 2005

**OFFICE OF PETITIONS**

## FAX TRANSMISSION COVER SHEET

February 10, 2005

To:

Mr. Tony Uranga  
USPTO

Telephone:

(571) 272-3472

Fax Number:

(571) 273-0177

From: Aldon Griffis AG  
Paralegal to  
Lisa A. Halle, J.D., Ph.D.  
(858) 638-6756

Client-Matter Number: 104691-30

Re: United States Patent Application No. 09/509,433  
Entitled : OPTICAL IRRADIATION DEVICE  
Filed : May 30, 2000  
Inventors : Mills and Jandt  
Our Ref. : MBM1420

Pages: - 6 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call: Aldon Griffis/(858) 638-6756  
Fax Operator/Ext.

### Message:

Mr. Uranga:

Attached please find the following forms to request that the above-identified patent application be assigned to our Customer Number (28213) to enable us to access this application in the PAIR system.

- Transmittal Sheet (2 pages);
- Request for Customer Number Association with Application [Form OMB No. 0651-0035] (1 page); and
- Power of Attorney (2 pages).

Please contact us if you have any questions or we can provide further information. Thank you.

### CONFIDENTIALITY NOTICE

This communication is ONLY for the person named above. Unless otherwise indicated, it contains information that is confidential, privileged or exempt from disclosure under applicable law. If you are not the person named above, or responsible for delivering it to that person, be aware that disclosure, copying, distribution or use of this communication is strictly PROHIBITED. If you have received it in error, or are uncertain as to its proper handling, please immediately notify us by collect telephone and mail the original to us at the above address. Thank you.

Serving clients globally

GT16434388.1  
104691-990000

P. 2/12 575 ON

DLAPRC US LLP

OCT. 19. 2005 12:20PM

PATENT  
ATTORNEY DOCKET NO.: MBM1420

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **FAX RECEIVED**

OCT 19 2005

Applicants: Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Title: OPTICAL IRRADIATION DEVICE

Art Unit: Unknown  
Examiner: Unknown  
OFFICE OF PETITIONS

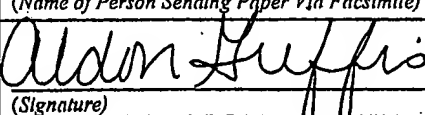
**Mail Stop EBC**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application please find:

1. Request for Customer Number Association with Patent Application [Form OMB No. 0651-0035] (1 page); and
2. Power of Attorney by Assignee (2 pages).

CERTIFICATION UNDER 37 CFR §§ 1.6(d), 1.8	
I hereby certify that the documents referred to as enclosed herein are being transmitted via facsimile [(571) 273-0177] on February 10, 2005 to: Mail Stop EBC, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (ATTN: Tony Uranga)	
Aldon Griffis (Name of Person Sending Paper Via Facsimile)	
 (Signature)	February 10, 2005 (Date)

GT6434374.1  
104691-990000

In the Application of:  
Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Page 2

PATENT  
Attorney Docket No. MBM1420

**FAX RECEIVED**

OCT 19 2005

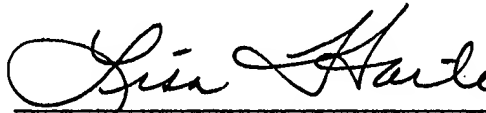
**OFFICE OF PETITIONS**

Please associate our Customer Number 28213 with this patent application to enable access of this application in the PAIR System.

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 07-1896.

Respectfully submitted,

Date: February 10, 2005



Lisa A. Haile, J.D., Ph.D.  
Registration No. 38,347  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

**USPTO Customer Number 28213**  
DLA PIPER RUDNICK GRAY CARY US LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

	A	B	C	D	E	F	G	H
1	Customer:	28213	(x digit Customer Number)					
2	Bold X's indicate where data is entered. Data entered starting on line							
3	DLA PIPER RUDNICK GRAY CARY US LLP		16 is continuous until all application and/or patent information is entered.					
4	4365 Executive Drive							
5	Suite 1100		Rows 3 through 9 are for entering customer address.					
6	San Diego, CA 92121-2133							
7	Note: Customer Number and address only displayed on page one.							
8	No headers or titles on subsequent pages.							
9								
10	Rows 10 through 15 are blank, data entry begins in row 16.							
11								
12	Patent	Application	Patent	Filing	Correspondence	Practitioner of	Fee	
13	Number	Number	Date	Date	Address	Record	Address	
14			mm/dd/yy	mm/dd/yy	yes/no	yes/no	yes/no	
15	(7 Digits w/o " ")	(8 digit w/o " " or " ")						
16		9509433		5/30/2000	Yes	No	Yes	
17								
18	Save as an .XLS spreadsheet (preferably as 4.0). Do not make separate files for each attorney.							
19	Enter patented Designs as: DXXXXXX.				Enter Reissues as: REXXXXX.			
20	Format date fields as: MO/DA/YR. Will display slashes.							
21								
22	The customer number uploads MUST be submitted via diskette or CD accompanied by a cover							
23	letter signed by the pro-se inventor or an attorney with a registration number associated with							
24	the customer number. Mail your diskette to:							
25								
26	U.S. Patent and Trademark Office							
27	Box EBC							
28	Washington, DC 20231							
29								
30	We cannot currently accept PCT international applications in this program.							
31	Do not use slashes or commas when entering patent numbers and/or serial numbers.							
32	Submission requirements are set forth in the Official Gazette dated January 7, 1997 on page 1194 OG 4.							
33	The PTO will enter a change in correspondence or fee address or power of attorney in a listed application							
34	or patent only when, at least, one of the following identifiers are provided:							
35								
36	1. the patent number and the corresponding application number;							
37	2. the patent number and the corresponding patent date;							
38	3. the application number and the corresponding filing date;							
39	4. the patent number and the corresponding filing date;							
40	5. the application number and the corresponding patent date.							
41								
42	What happens after we receive the disk?							
43	1. Check to see that your Customer number(s) is/are on file.							
44	Remember, for each file you can request a different Customer number for each correspondence address, i.e.,							
45	one for correspondence address, a different number for address for practitioner(s) of record, and							
46	another number for fee address, or one number can be used for two of the three or one of the three.							
47	However, you must apply for the numbers before submitting your disk.							
48	2. After confirmation of a valid customer number(s), the data is uploaded to the database on the mainframe.							
49	3. Change of address letters will be generated for each application number and/or patent number accepted.							
50	Acceptance occurs if the number(s) and corresponding date(s) match those in our database. The							
51	letters are filed in the application or patented file with the new Customer Number annotated on the file jacket.							
52	4. A 2-part report is also generated. The first part lists application and/or patent numbers not updated for failing							
53	the system edits. You should review information provided, make corrections and submit a new disk with							
54	correct information. The second part of the report lists all applications updated to reflect the customer number							
55	as designated. Please review carefully, paying close attention to the "OLD" first line of address printed.							
56	If the file is not familiar, it may be that you updated another customer's file with your customer number.							
57								
58	For questions please contact the Electronic Business Center Help Desk at (866) 217-9197							
59	or by email at <a href="mailto:ebc@uspto.gov">ebc@uspto.gov</a> (questions only)							
60								
61	OMB No. 0651-0035 (Exp. 11/30/2005)							

FAX RECEIVED

OCT 19 2005

OFFICE OF PETITIONS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Mills and Jandt	Art Unit:	Unknown
Application No.:	09/509,433	Examiner:	Unknown
File Date:	May 30, 2000		
Title:	OPTICAL IRRADIATION DEVICE		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE**

As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of **USPTO Customer No. 28213** to prosecute the Application for the assignee and transact all business in the United States Patent and Trademark Office connected therewith:

DAVID L. ALBERTI  
DARYL BASHAM  
MARK L. BERRIER  
LISA A. HAILE  
JACOB V. HANDY  
JON IKEGAMI  
RICHARD J. IMBRA  
PETER R. LEAL  
JUNE M. LEARN  
ALAN A. LIMBACH  
GEORGE C. LIMBACH  
KARL A. LIMBACH  
TIMOTHY W. LOHSE  
DEAN NAKAMURA  
ANTONY M. NOVOM  
MICHAEL P. REED  
VICTOR REPKIN  
MICHAEL T. ROSATO  
GERALD T. SEKIMURA  
TAMARA SHIELDS  
ANDREW V. SMITH  
KIEUN J. SUNG  
EDWARD B. WELLER  
RONALD L. YIN

Registration No. 43,465  
Registration No. 45,869  
Registration No. 35,066  
Registration No. 38,347  
Registration No. 48,347  
Registration No. 51,115  
Registration No. 37,643  
Registration No. 24,226  
Registration No. 31,238  
Registration No. 39,749  
Registration No. 19,305  
Registration No. 18,689  
Registration No. 35,255  
Registration No. 33,981  
Registration No. 45,517  
Registration No. 45,647  
Registration No. 45,039  
Registration No. 52,182  
Registration No. 30,103  
Registration No. 52,221  
Registration No. 43,132  
Registration No. 48,639  
Registration No. 37,468  
Registration No. 27,607

In re Application of:  
Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Page 2

PATENT  
Attorney Docket No.: MBM1420

Direct all telephone calls to:  
**LISA A. HAILE, J.D., PH.D.**  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

Address all correspondence to:  
**LISA A. HAILE, J.D., PH.D.**  
DLA PIPER RUDNICK GRAY CARY US LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

**TIR SYSTEMS LTD.**

By: ALLAN BRENT YORK  
Name: *A. B. York*  
Title: CHIEF TECHNOLOGY OFFICER  
Date: JANUARY 19, 2005

\* \* \* COMMUNICATION RESULT REPORT ( FEB.10.2005 1:22PM ) \* \* \*

TTI DLAPRG US LLP

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
354 MEMORY TX		915712730177	OK	P. 6/6

## REASON FOR ERROR

E-1) HANG UP OR LINE FAIL  
E-3) NO ANSWER

E-2) BUSY  
E-4) NO FACSIMILE CONNECTION



**DLA PIPER RUDNICK  
GRAY CARY**

**DLA Piper Rudnick Gray Cary US LLP**  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.677.1456  
F 858.677.1466  
W www.dlapr.com

**FAX TRANSMISSION COVER SHEET****February 10, 2005**To:

**Mr. Tony Uranga**  
**USPTO**

Telephone:**(571) 272-3472**Fax Number:**(571) 273-0177**From:

**Aldon Griffiths** *AG*  
Paralegal to  
**Lisa A. Halle, J.D., Ph.D.**  
**(858) 638-6756**

Client-Matter Number:**104691-30**Re:

**United States Patent Application No. 09/509,433**  
**Entitled : OPTICAL IRRADIATION DEVICE**  
**Filed : May 30, 2000**  
**Inventors : Mills and Jandt**  
**Our Ref. : MBM1420**

Pages: - 6 - (Including this form)Originals: ☐ will be mailed ☒ will not be mailedIf there is a problem with this transmission, please call: **Aldon Griffiths/(858) 638-6756**

# Facsimile Transmission

*This company uses RightFAX® fax  
server software from RightFAX, Inc.*

**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

**To:** Name: LISA A. HAILE, J.D., PH.D.  
Company: 4365 EXECUTIVE DRIVE, SUITE 1100  
Fax Number: 18586771465  
Voice Phone:

**RECEIVED**  
**OCT 19 2005**

## Fax Notes:

Pg#	Description
1	Cover Page
2	464.TXT
4	Document 1, Batch 544815

PTAS FAX PROCESSING

Date and time of transmission: Tuesday, October 18, 2005 9:56:14 PM  
Number of pages including this cover sheet: 05

*A RightFAX® Communicated Document*

R010AFER

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 18, 2005

PTAS

**\*500055833A\***LISA A. HAILE, J.D., PH.D.  
4365 EXECUTIVE DRIVE, SUITE 1100  
DLA PIPER RUDNICK GRAY CARY US LLP  
SAN DIEGO, CA 92121-2133**\*500055833A\***UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/18/2005

REEL/FRAME: 016654/0950  
NUMBER OF PAGES: 4BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: MBM1420

## ASSIGNOR:

MILLS, ROBIN WALTER

DOC DATE: 05/04/2000

## ASSIGNOR:

JANDT, KLAUS DIETER

DOC DATE: 05/04/2000

## ASSIGNEE:

THE UNIVERSITY OF BRISTOL  
TYNDALL AVENUE  
SENATE HOUSE, 3RD FLOOR  
BRISTOL, UNITED KINGDOM BS8 1TH

016654/0950 PAGE 2

SERIAL NUMBER: 09509433

FILING DATE: 05/30/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: OPTICAL IRRADIATION DEVICE LED AND OPTIC FIBRES

RHONDA NICOL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ROTAFES

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

10/18/2005  
500055833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robin Walter Mills	05/04/2000
Klaus Dieter Jandt	05/04/2000
RECEIVING PARTY DATA	
Name:	The University of Bristol
Street Address:	Tyndall Avenue
Internal Address:	Senate House, 3rd Floor
City:	Bristol
State/Country:	UNITED KINGDOM
Postal Code:	BS8 1TH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09509433
CORRESPONDENCE DATA	
Fax Number:	(858)677-1465
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 638-6758
Email:	aldon.griffis@dlapiper.com
Correspondent Name:	Lisa A. Halle, J.D., Ph.D.
Address Line 1:	4365 Executive Drive, Suite 1100
Address Line 2:	DLA Piper Rudnick Gray Cary US LLP
Address Line 4:	San Diego, CALIFORNIA 92121-2133
ATTORNEY DOCKET NUMBER:	MBM1420
NAME OF SUBMITTER:	Lisa A. Halle, J.D., Ph.D.
Total Attachments: 2 source=MBM1420 Assignment (Mills & Jandt to The University of Bristol)#page1.tif	

CH \$40.00 09509433



**DLA PIPER RUDNICK  
GRAYCARY**

→ 3<sup>rd</sup> Attempt for 18 pages

**DLA Piper Rudnick Gray Cary US LLP**  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.638.6756  
F 858.677.1465  
W www.dlapiper.com

## FAX TRANSMISSION COVER SHEET

October 19, 2005

To:

**Liana Chase**  
**U.S. Patent and Trademark Office**

Telephone:

(571) 272-3206

Fax Number:

(571) 273-0025

From:

Aldon Griffis  
Reg. No. 55, 949  
US Patent Paralegal to  
Lisa A. Halle, J.D., Ph.D.  
(858) 638-6756

Client-Matter Number:

331355-30

Re:

United States Patent Application No. 09/509,433  
Entitled : OPTICAL IRRADIATION DEVICE LED AND OPTIC FIBRES (AS AMENDED)  
Filed : May 30, 2000  
Inventors : Mills and Jandt  
Our Ref. : MBM1420

Pages: - 18 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call: Aldon Griffis/(858) 638-6756

Fax Operator/Ext.

### Message:

Dear Ms. Chase;

Thank you for your recent communication with regard to the above-identified patent application. Pursuant to your request, attached is a copy of the Power of Attorney for this application as submitted to the USPTO with our Request for Customer Number Association on February 10, 2005. For your convenience, we have included the entire filing with the facsimile transmittal confirmation.

Also attached are 2 recorded assignments for this matter. The first assignment transfers rights from Inventors Mills and Jandt to The University of Bristol. The second assignment transfers rights from the University of Bristol to TIR Systems Ltd.

Thank you in advance for ensuring that this 2-page Power of Attorney is reflected in the patent record. We submitted this 2-page Power of Attorney to the USPTO on two separate occasions. The first time was with the Request for Customer Number Association on February 10, 2005 and the second time was with the Power to Inspect and Make Copies in early March, 2005.

As you know, despite these previous submissions, we have been unable to receive any actions from the USPTO for this matter and it is our understanding that a Restriction Requirement was issued over one month ago. Anything you can do to ensure we receive a copy of this action as soon as possible and be granted private PAIR access would be greatly appreciated.

Please do not hesitate to contact us if you have any questions or we can provide further information.

### CONFIDENTIALITY NOTICE

This communication is ONLY for the person named above. Unless otherwise indicated, it contains information that is confidential, privileged or exempt from disclosure under applicable law. If you are not the person named above, or responsible for delivering it to that person, be aware that disclosure, copying, distribution or use of this communication is strictly PROHIBITED. If you have received it in error, or are uncertain as to its proper handling, please immediately notify us by collect telephone and mail the original to us at the above address. Thank you.

Serving clients globally

GT6464400.1  
331355-30

P. 1/18 NO. 577

DLAPRGC US LLP

OCT. 19. 2005 12:28PM



**DLA PIPER RUDNICK  
GRAY CARY**

DLA Piper Rudnick Gray Cary US LLP  
4365 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.677.1456  
F 858.677.1465  
W www.dlapiper.com

## FAX TRANSMISSION COVER SHEET

February 10, 2005

To:

Mr. Tony Uranga  
USPTO

Telephone:

(571) 272-3472

Fax Number:

(571) 273-0177

From:

Aldon Griffis AG  
Paralegal to  
Lisa A. Halle, J.D., Ph.D.  
(858) 638-6756

Client-Matter Number:

104691-30

Re:

United States Patent Application No. 09/509,433  
Entitled : OPTICAL IRRADIATION DEVICE  
Filed : May 30, 2000  
Inventors : Mills and Jandt  
Our Ref. : MBM1420

Pages: - 6 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call: Aldon Griffis/(858) 638-6756  
Fax Operator/Ext.

Message:

Mr. Uranga:

Attached please find the following forms to request that the above-identified patent application be assigned to our Customer Number (28213) to enable us to access this application in the PAIR system.

- Transmittal Sheet (2 pages);
- Request for Customer Number Association with Application [Form OMB No. 0651-0035] (1 page); and
- Power of Attorney (2 pages).

Please contact us if you have any questions or we can provide further information. Thank you.

### CONFIDENTIALITY NOTICE

This communication is ONLY for the person named above. Unless otherwise indicated, it contains information that is confidential, privileged or exempt from disclosure under applicable law. If you are not the person named above, or responsible for delivering it to that person, be aware that disclosure, copying, distribution or use of this communication is strictly PROHIBITED. If you have received it in error, or are uncertain as to its proper handling, please immediately notify us by collect telephone and mail the original to us at the above address. Thank you.

Serving clients globally

GT\6434388.1  
104691-990000

P. 2/18 2250N

OCT. 19. 2005 12:28PM DLA PRC US LLP

PATENT  
ATTORNEY DOCKET NO.: MBM1420

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Title: OPTICAL IRRADIATION DEVICE

Art Unit: Unknown  
Examiner: Unknown

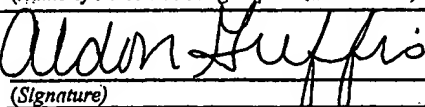
**Mail Stop EBC**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL SHEET**

Sir:

Transmitted herewith for the above-identified application please find:

1. Request for Customer Number Association with Patent Application [Form OMB No. 0651-0035] (1 page); and
2. Power of Attorney by Assignee (2 pages).

CERTIFICATION UNDER 37 CFR §§ 1.6(d), 1.8	
I hereby certify that the documents referred to as enclosed herein are being transmitted via facsimile [(571) 273-0177] on February 10, 2005 to: Mail Stop EBC, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. (ATTN: Tony Uranga)	
Aldon Griffiths (Name of Person Sending Paper Via Facsimile)	
 (Signature)	February 10, 2005 (Date)

GT6434374.1  
104691-990000

In the Application of:  
Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Page 2

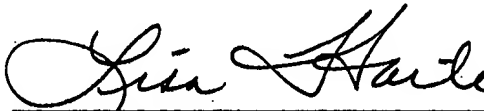
PATENT  
Attorney Docket No. MBM1420

Please associate our Customer Number 28213 with this patent application to enable access of this application in the PAIR System.

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 07-1896.

Respectfully submitted,

Date: February 10, 2005



Lisa A. Haile, J.D., Ph.D.

Registration No. 38,347

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

**USPTO Customer Number 28213**  
DLA PIPER RUDNICK GRAY CARY US LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

	A	B	C	D	E	F	G	H
1	Customer:	28213	(x digit Customer Number)					
2	Bold X's indicate where data is entered. Data entered starting on line							
3	DLA PIPER RUDNICK GRAY CARY US LLP		16 is continuous until all application and/or patent information is entered.					
4	4365 Executive Drive							
5	Suite 1100		Rows 3 through 9 are for entering customer address.					
6	San Diego, CA 92121-2133							
7	Note: Customer Number and address only displayed on page one.							
8	No headers or titles on subsequent pages.							
9								
10	Rows 10 through 15 are blank, data entry begins in row 16.							
11								
12	Patent	Application	Patent	Filing	Correspondence	Practitioner of	Fee	
13	Number	Number	Date	Date	Address	Record	Address	
14			mm/dd/yy	mm/dd/yy	yes/no	yes/no	yes/no	
15	(7 Digits w/o ",")	(8 digit w/o "/" or ",")						
16		9509433		5/30/2000	Yes	No	Yes	
17								
18	Save as an .XLS spreadsheet (preferably as 4.0). Do not make separate files for each attorney.							
19	Enter patented Designs as: DXXXXXX.				Enter Reissues as: REXXXXX.			
20	Format date fields as: MO/DA/YR. Will display slashes.							
21								
22	The customer number uploads MUST be submitted via diskette or CD accompanied by a cover							
23	letter signed by the pro-se inventor or an attorney with a registration number associated with							
24	the customer number. Mail your diskette to:							
25								
26	U.S. Patent and Trademark Office							
27	Box EBC							
28	Washington, DC 20231							
29								
30	We cannot currently accept PCT international applications in this program.							
31	Do not use slashes or commas when entering patent numbers and/or serial numbers.							
32	Submission requirements are set forth in the Official Gazette dated January 7, 1997 on page 1194 OG 4.							
33	The PTO will enter a change in correspondence or fee address or power of attorney in a listed application							
34	or patent only when, at least, one of the following identifiers are provided:							
35								
36	1. the patent number and the corresponding application number;							
37	2. the patent number and the corresponding patent date;							
38	3. the application number and the corresponding filing date;							
39	4. the patent number and the corresponding filing date;							
40	5. the application number and the corresponding patent date.							
41								
42	What happens after we receive the disk?							
43	1. Check to see that your Customer number(s) is/are on file.							
44	Remember, for each file you can request a different Customer number for each correspondence address, i.e.,							
45	one for correspondence address, a different number for address for practitioner(s) of record, and							
46	another number for fee address, or one number can be used for two of the three or one of the three.							
47	However, you must apply for the numbers before submitting your disk.							
48	2. After confirmation of a valid customer number(s), the data is uploaded to the database on the mainframe.							
49	3. Change of address letters will be generated for each application number and/or patent number accepted.							
50	Acceptance occurs if the number(s) and corresponding date(s) match those in our database. The							
51	letters are filed in the application or patented file with the new Customer Number annotated on the file jacket.							
52	4. A 2-part report is also generated. The first part lists application and/or patent numbers not updated for failing							
53	the system edits. You should review information provided, make corrections and submit a new disk with							
54	correct information. The second part of the report lists all applications updated to reflect the customer number							
55	as designated. Please review carefully, paying close attention to the "OLD" first line of address printed.							
56	If the file is not familiar, it may be that you updated another customer's file with your customer number.							
57								
58	For questions please contact the Electronic Business Center Help Desk at (866) 217-9197							
59	or by email at ebc@uspto.gov (questions only)							
60								
61	OMB No. 0651-0035 (Exp. 11/30/2005)							

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Mills and Jandt	Art Unit:	Unknown
Application No.:	09/509,433	Examiner:	Unknown
File Date:	May 30, 2000		
Title:	OPTICAL IRRADIATION DEVICE		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE**

As a below-named assignee of the above-identified application ("Application"):

I hereby appoint the following attorneys of **USPTO Customer No. 28213** to prosecute the Application for the assignee and transact all business in the United States Patent and Trademark Office connected therewith:

DAVID L. ALBERTI  
DARYL BASHAM  
MARK L. BERRIER  
LISA A. HAILE  
JACOB V. HANDY  
JON IKEGAMI  
RICHARD J. IMBRA  
PETER R. LEAL  
JUNE M. LEARN  
ALAN A. LIMBACH  
GEORGE C. LIMBACH  
KARL A. LIMBACH  
TIMOTHY W. LOHSE  
DEAN NAKAMURA  
ANTONY M. NOVOM  
MICHAEL P. REED  
VICTOR REPKIN  
MICHAEL T. ROSATO  
GERALD T. SEKIMURA  
TAMARA SHIELDS  
ANDREW V. SMITH  
KIEUN J. SUNG  
EDWARD B. WELLER  
RONALD L. YIN

Registration No. 43,465  
Registration No. 45,869  
Registration No. 35,066  
Registration No. 38,347  
Registration No. 48,347  
Registration No. 51,115  
Registration No. 37,643  
Registration No. 24,226  
Registration No. 31,238  
Registration No. 39,749  
Registration No. 19,305  
Registration No. 18,689  
Registration No. 35,255  
Registration No. 33,981  
Registration No. 45,517  
Registration No. 45,647  
Registration No. 45,039  
Registration No. 52,182  
Registration No. 30,103  
Registration No. 52,221  
Registration No. 43,132  
Registration No. 48,639  
Registration No. 37,468  
Registration No. 27,607

In re Application of:  
Mills and Jandt  
Application No.: 09/509,433  
Filed: May 30, 2000  
Page 2

PATENT  
Attorney Docket No.: MBM1420

Direct all telephone calls to:  
**LISA A. HAILE, J.D., PH.D.**  
Telephone: (858) 677-1456  
Facsimile: (858) 677-1465

Address all correspondence to:  
**LISA A. HAILE, J.D., PH.D.**  
DLA PIPER RUDNICK GRAY CARY US LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

**TIR SYSTEMS LTD.**

By: ALLAN BRENT YORK  
Name: A. B. York  
Title: CHIEF TECHNOLOGY OFFICER  
Date: JANUARY 19, 2005

\* \* \* COMMUNICATION RESULT REPORT ( FEB.10.2005 1:22PM ) \* \* \*

TTI DLAPRG US LLP

FILE MODE	OPTION	ADDRESS (GROUP)	RESULT	PAGE
354 MEMORY TX		915712730177	OK	P. 6/6

## REASON FOR ERROR

E-1) HANG UP OR LINE FAIL  
E-3) NO ANSWER

E-2) BUSY  
E-4) NO FACSIMILE CONNECTION



**DLA PIPER RUDNICK  
GRAY CARY**

**DLA Piper Rudnick Gray Cary US LLP**  
4385 Executive Drive, Suite 1100  
San Diego, California 92121-2133  
O 858.677.1456  
F 858.677.1465  
W www.dlapiper.com

**FAX TRANSMISSION COVER SHEET**

February 10, 2005

To:

Mr. Tony Uranga  
USPTO

Telephone:

(571) 272-3472

Fax Number:

(571) 273-0177

From:

Aldon Griffis *AG*  
Paralegal to  
Lisa A. Halle, J.D., Ph.D.  
(858) 638-6756

Client-Matter Number:

104691-30

Re:

United States Patent Application No. 09/509,433  
Entitled : OPTICAL IRRADIATION DEVICE  
Filed : May 30, 2000  
Inventors : Mills and Jandt  
Our Ref. : MBM1420

Pages: - 6 - (including this form)

Originals: ☐ will be mailed ☒ will not be mailed

If there is a problem with this transmission, please call: Aldon Griffis/(858) 638-6756



# Facsimile Transmission

*This company uses RightFAX® fax  
server software from RightFAX, Inc.*

**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

**To:** Name: LISA A. HAILE, J.D., PH.D.  
Company: 4365 EXECUTIVE DRIVE, SUITE 1100  
Fax Number: 18586771465  
Voice Phone:

**RECEIVED**  
**OCT 19 2005**

## Fax Notes:

---

Pg#	Description
1	Cover Page
2	464.TXT
4	Document 1, Batch 544815

PTAS FAX PROCESSING

---

Date and time of transmission: Tuesday, October 18, 2005 9:56:14 PM  
Number of pages including this cover sheet: 05

*A RightFAX® Communicated Document*

R010AFEB

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 18, 2005

PTAS

**\*500055833A\***LISA A. HAILE, J.D., PH.D.  
4365 EXECUTIVE DRIVE, SUITE 1100  
DLA PIPER RUDNICK GRAY CARY US LLP  
SAN DIEGO, CA 92121-2133**\*500055833A\*****UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/18/2005

REEL/FRAME: 016654/0950  
NUMBER OF PAGES: 4BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: MBM1420

## ASSIGNOR:

MILLS, ROBIN WALTER

DOC DATE: 05/04/2000

## ASSIGNOR:

JANDT, KLAUS DIETER

DOC DATE: 05/04/2000

## ASSIGNEE:

THE UNIVERSITY OF BRISTOL  
TYNDALL AVENUE  
SENATE HOUSE, 3RD FLOOR  
BRISTOL, UNITED KINGDOM BS8 1TH

ROTAFER

016654/0950 PAGE 2

SERIAL NUMBER: 09509433

FILING DATE: 05/30/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: OPTICAL IRRADIATION DEVICE LED AND OPTIC FIBRES

RHONDA NICOL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RO10AFEB

016654/0941 PAGE 2

RHONDA NICOL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ROTAFES

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

10/18/2005  
500055834

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
The University of Bristol	12/18/2004

## RECEIVING PARTY DATA

Name:	TIR Systems Ltd
Street Address:	7700 Riverfront Gate
City:	Burnaby, British Columbia
State/Country:	CANADA
Postal Code:	V5J 5M4

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09509433

## CORRESPONDENCE DATA

Fax Number: (858)677-1465  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: (858) 638-6756  
Email: aldon.griffis@dlapiper.com  
Correspondent Name: Lisa A. Halle, J.D., Ph.D.  
Address Line 1: 4365 Executive Drive, Suite 1100  
Address Line 2: DLA Piper Rudnick Gray Cary US LLP  
Address Line 4: San Diego, CALIFORNIA 92121-2133

ATTORNEY DOCKET NUMBER:

MBM1420

NAME OF SUBMITTER:

Lisa A. Halle, J.D., Ph.D.

## Total Attachments: 7

source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page1.tif  
source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page2.tif  
source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page3.tif

CH \$40.00 09509433

R010AFEB

source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page4.tif  
source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page5.tif  
source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page6.tif  
source=MBM1420 Assignment (The University of Bristol to TIR Systems Ltd)#page7.tif

ROTAFEB

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

10/18/2005  
500055833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robin Walter Mills	05/04/2000
Klaus Dieter Jandt	05/04/2000
RECEIVING PARTY DATA	
Name:	The University of Bristol
Street Address:	Tyndall Avenue
Internal Address:	Senate House, 3rd Floor
City:	Bristol
State/Country:	UNITED KINGDOM
Postal Code:	BS8 1TH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09509433
CORRESPONDENCE DATA	
Fax Number:	(858)677-1465
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 638-6756
Email:	aldon.griffis@dlapiper.com
Correspondent Name:	Lisa A. Haile, J.D., Ph.D.
Address Line 1:	4365 Executive Drive, Suite 1100
Address Line 2:	DLA Piper Rudnick Gray Cary US LLP
Address Line 4:	San Diego, CALIFORNIA 92121-2133
ATTORNEY DOCKET NUMBER:	MBM1420
NAME OF SUBMITTER:	Lisa A. Haile, J.D., Ph.D.
Total Attachments: 2 source=MBM1420 Assignment (Mills & Jandt to The University of Bristol)#page1.tif	

CH \$40.00 09509433

ROUTED

source=MBM1420 Assignment (Mills & Jandt to The University of Bristol)#page2.tif

R010AFEB

# Facsimile Transmission

*This company uses RightFAX® fax  
server software from RightFAX, Inc.*

**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

**To:** Name: LISA A. HAILE, J.D., PH.D.  
Company: 4365 EXECUTIVE DRIVE, SUITE 1100  
Fax Number: 18586771465  
Voice Phone:

**RECEIVED**  
**OCT 19 2005**

## Fax Notes:

---

Pg#	Description
1	Cover Page
2	469.TXT
4	Document 1, Batch 544816

PTAS FAX PROCESSING

---

Date and time of transmission: Tuesday, October 18, 2005 9:56:36 PM  
Number of pages including this cover sheet: 05

*A RightFAX® Communicated Document*

RECEIVED TIME  
OCT. 18. 7:07PM  
P. 14/18 NO. 572

PRINT TIME OCT. 18. 7:11PM  
DLPRRC US LLP 12:35PM  
OCT. 19. 2005 002.19.100

R018AFER

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 18, 2005

PTAS

**\*500055834A\***LISA A. HAILE, J.D., PH.D.  
4365 EXECUTIVE DRIVE, SUITE 1100  
DLA PIPER RUDNICK GRAY CARY US LLP  
SAN DIEGO, CA 92121-2133**\*500055834\*****UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/18/2005

REEL/FRAME: 016654/0941  
NUMBER OF PAGES: 9BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: MBM1420**ASSIGNOR:**

THE UNIVERSITY OF BRISTOL

DOC DATE: 12/16/2004

**ASSIGNEE:**TIR SYSTEMS LTD  
7700 RIVERFRONT GATE  
BURNABY, BRITISH COLUMBIA, CANADA

V5J 5M4

SERIAL NUMBER: 09509433

FILING DATE: 05/30/2000

PATENT NUMBER:

ISSUE DATE:

TITLE: OPTICAL IRRADIATION DEVICE LED AND OPTIC FIBRES